INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C23C2/06 C23C C23C2/26 C23C2/40 C25D7/06 C25D5/36 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C23C C25D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. χ US 6 564 604 B2 (JARTOUX XAVIER ET AL) 1-3,10,20 May 2003 (2003-05-20) 27 - 30, cited in the application 42,43 Y column 1, line 7 - column 4, line 52 4-7, 31 - 33claims 1,2,4-7 figures 1,2 Y,P DE 102 57 737 B (THYSSEN KRUPP STAHL AG) 4 - 7. 26 February 2004 (2004-02-26) 31 - 33page 2, paragraph 1 - page 4, paragraph 23 claims 1-3,6-8 Express Mail .: EV842849934 us Mailed: 26 January 2006 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: 'T' later document published after the international filing date 'A' document defining the general state of the art which is not considered to be of particular relevance or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *E* earlier document but published on or after the international 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priorily date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 8 October 2004 25/10/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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International Application No /EP2004/006251

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